

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-19. (Canceled)

20. (New) A sperm regulation method which comprises adding an extracellular matrix protein to a sperm sample to bring the sperm into a non-capacitated state, and subsequently adding angiotensin II or a salt or analog to stimulate motility and capacitate the sperm.

21. (New) A method according to claim 20, in which the sperm sample containing an extracellular matrix protein has been stored prior to adding angiotensin II or a salt or analog to capacitate the sperm.

22. (New) A method according to claim 21 in which the sperm sample containing an extracellular matrix protein has been frozen or chilled for storage and is thawed prior to adding angiotensin II or a salt or analog to capacitate the sperm.

23. (New) A method according to claim 20 which is carried out *in vitro*.

24. (New) A method according to claim 20 in which addition of angiotensin II or a salt or analog is carried out *in vivo*.

25. (New) A method according to claim 20 which is carried out *in vivo*.

26. (New) A method according to claim 20 in which the extracellular matrix protein is selected from fibronectin, vitronectin and laminin.

27. (New) A method according to claim 20 in which angiotensin II or angiotensin II amide is used as the capacitating agent

28. (New) A sperm conservation method which comprises adding an extracellular matrix protein to a sperm sample to bring the sperm into a non-capacitated state,

29. (New) A method according to claim 28 in which the extracellular matrix protein is selected from fibronectin, vitronectin and laminin.

30. (New) A sperm conservation method which comprises adding an extracellular matrix protein to a sperm sample to conserve the sperm in a low motility non-capacitated state.

31. (New) A method according to claim 30 in which the extracellular matrix protein is selected from fibronectin, vitronectin and laminin.

32. (New) A reproduction cell medium comprising one or more extracellular matrix proteins dispersed in a buffer solution, for use as an agent to conserve sperm in a non-capacitated state.

33. (New) A reproduction cell medium according to claim 32 in which the extracellular matrix protein is selected from fibronectin, vitronectin and laminin.

34. (New) A sperm inhibition composition comprising one or more extracellular matrix proteins dispersed in a gel, cream or pessary base, for use as an agent to inhibit capacitation of sperm.

35. (New) A reproduction cell medium according to claim 34 in which the extracellular matrix protein is selected from fibronectin, vitronectin and laminin.